

### AMENDMENTS TO THE CLAIMS

1. - 20. (Canceled)
21. (Previously Presented) An isolated nucleic acid selected from the group consisting of:
  - (a) SEQ ID NO: 2194; and
  - (b) the complement of (a), wherein the complement is identical in length to (a)
22. (Previously Presented) An isolated nucleic acid selected from the group consisting of:
  - (a) SEQ ID NO: 5264; and
  - (b) the complement of (a), wherein the complement is identical in length to (a).
23. - 32. (Canceled)
33. (Currently Amended) A vector comprising a heterologous sequence, wherein the heterologous sequence consists of the sequence of the nucleic acid of claim 21.
34. (Currently Amended) A vector comprising a heterologous sequence, wherein the heterologous sequence consists of the sequence of the nucleic acid of claim 22.
35. - 44 (Canceled)
45. (Currently Amended) A probe comprising a heterologous sequence, wherein the heterologous sequence consists of the sequence of the nucleic acid of claim 21.
46. (Currently Amended) A probe comprising a heterologous sequence, wherein the heterologous sequence consists of the sequence of the nucleic acid of claim 22.
47. (Canceled)